

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1281452

Luminaire Tested: P3AS05R35B2750DE010 E3CD1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281452
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R35B2750DE010 E3CD1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

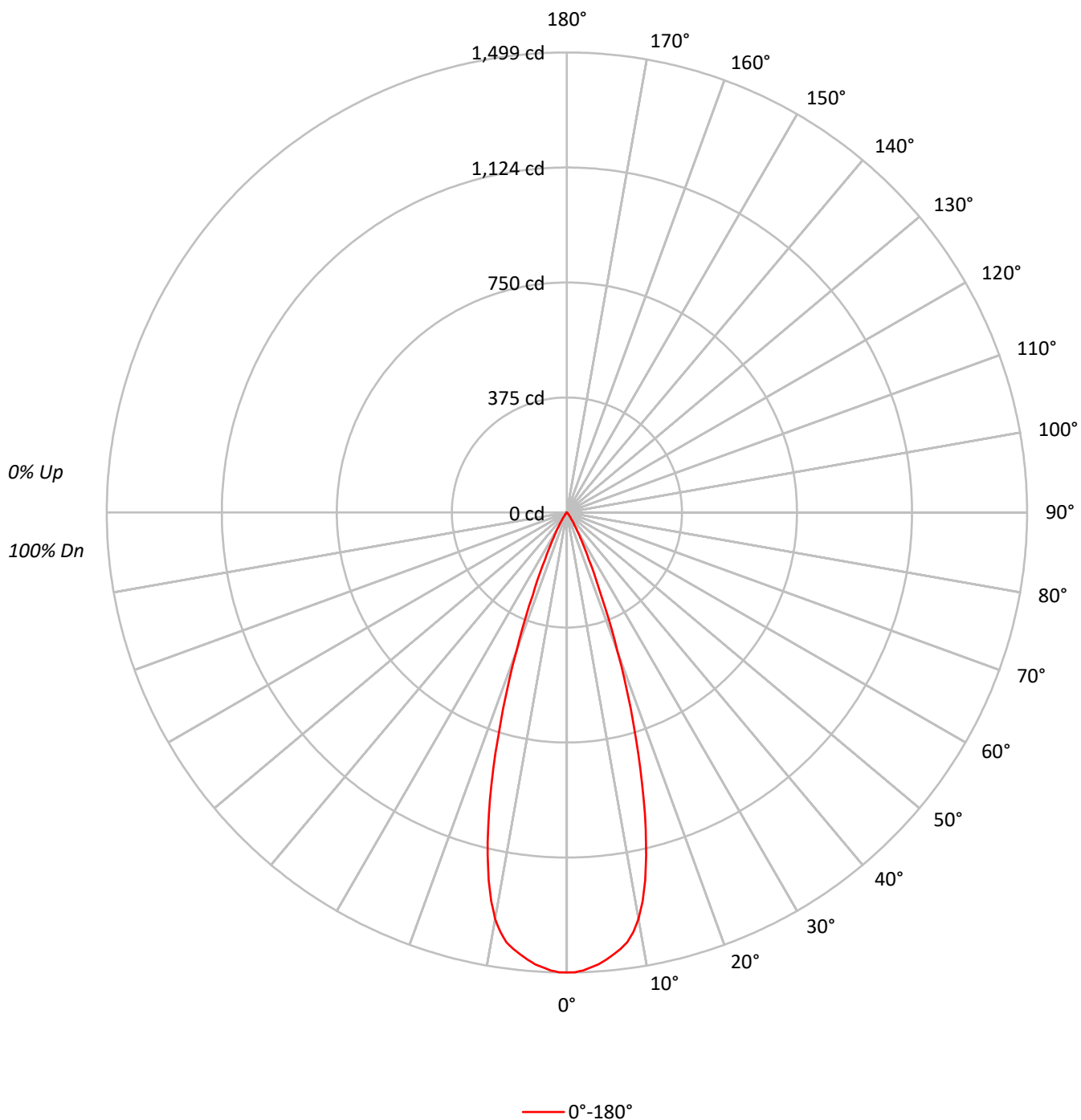
Lumens per Lamp: N/A
Luminaire Lumens: 504.0 lumens
Efficiency: N/A
Efficacy: 85.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1281452

CATALOG NUMBER: P3AS05R35B2750DE010 E3CD1MW_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1281452

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100											
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96											
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93											
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89											
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86											
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83											
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80											
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	77											
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75											
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73											
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70											

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	328636
5°	321945
10°	299505
15°	219593
20°	112430
25°	40527
30°	15775
35°	5514
40°	2261
45°	620
50°	546
55°	612
60°	526
65°	415
70°	513
75°	678
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 678 cd/sqm

TEST NUMBER: P1281452

CATALOG NUMBER: P3AS05R35B2750DE010 E3CD1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.4	27.1
10°-20°	255.8	50.8
20°-30°	90.6	18.0
30°-40°	15.8	3.1
40°-50°	2.3	0.5
50°-60°	1.3	0.3
60°-70°	0.9	0.2
70°-80°	0.7	0.1
80°-90°	0.2	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	482.7	95.8
0°-40°	498.6	98.9
0°-60°	502.2	99.6
0°-90°	504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	504.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1499	
5°	1463	136
15°	967	256
25°	168	91
35°	21	16
45°	2	2
55°	2	1
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1498.7
1°	1498.3
2°	1493.6
3°	1484.4
4°	1476.1
5°	1462.6
6°	1448.7
7°	1433.2
8°	1414.2
9°	1384.4
10°	1345.1
11°	1290.7
12°	1225.3
13°	1147.5
14°	1061.7
15°	967.3
17.5°	720.4
20°	481.8
22.5°	290.5
25°	167.5
27.5°	100.0
30°	62.3
32.5°	36.1
35°	20.6
37.5°	13.1
40°	7.9
42.5°	4.0
45°	2.0
47.5°	1.6
50°	1.6
52.5°	1.6
55°	1.6
57.5°	1.2
60°	1.2
62.5°	1.2
65°	0.8
67.5°	0.8
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.4
80°	0.4
82.5°	0.4
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)